

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101323\  
 Data File : PL085930.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Oct 2023 21:16  
 Operator : AR\AJ  
 Sample : 04878-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 14 01:28:19 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.357  | 2.624  | 25552714 | 15429488 | 8.592  | 16.518 # |
| 28)                         | SA Decachlor... | 8.858  | 7.774  | 42221714 | 16706156 | 19.385 | 18.100   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.130  | 0        | 256027   | N.D.   | 0.203 #  |
| 3)                          | MA gamma-BHC... | 4.142  | 3.456  | 11524769 | 3327221  | 2.788  | 2.698    |
| 4)                          | MA Heptachlor   | 4.731  | 3.776  | 410393   | 9406033  | 0.106  | 8.087 #  |
| 5)                          | MB Aldrin       | 5.071  | 4.077  | 5127652  | 4594885  | 1.323  | 4.109 #  |
| 6)                          | B beta-BHC      | 4.361  | 3.742  | 653864   | 1936957  | 0.395  | 3.721 #  |
| 7)                          | B delta-BHC     | 4.581  | 3.959f | 13714429 | 731893   | 3.577  | 0.637 #  |
| 8)                          | B Heptachlo...  | 5.494  | 4.569  | 14336879 | 1058650  | 4.156  | 1.054 #  |
| 9)                          | A Endosulfan I  | 0.000  | 4.944  | 0        | 7302931  | N.D.   | 6.808 #  |
| 10)                         | B gamma-Chl...  | 5.746  | 4.795f | 32469664 | 3735692  | 9.490  | 3.772 #  |
| 11)                         | B alpha-Chl...  | 5.846  | 4.876  | 30874370 | 2545837  | 9.034  | 2.334 #  |
| 12)                         | B 4,4'-DDE      | 6.020  | 5.087  | 11067025 | 2103347  | 3.957  | 2.562 #  |
| 13)                         | MA Dieldrin     | 6.157  | 5.212  | 135785   | 3247983  | 0.041  | 3.348 #  |
| 14)                         | MA Endrin       | 6.396  | 5.490f | 12419274 | 519035   | 4.358  | 0.577 #  |
| 15)                         | B Endosulfa...  | 6.597f | 5.773  | 21261888 | 4609176  | 7.716  | 4.847 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.630  | 0        | 2174351  | N.D.   | 3.124 #  |
| 17)                         | MA 4,4'-DDT     | 6.858  | 5.892  | 5132375  | 1420443  | 2.177  | 1.796    |
| 18)                         | B Endrin al...  | 6.762f | 5.958  | 8682467  | 852768   | 4.284  | 1.144 #  |
| 19)                         | B Endosulfa...  | 6.968  | 6.155f | 5073609  | 622130   | 2.022  | 0.690 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.482  | 0        | 308074   | N.D.   | 0.586 #  |
| 21)                         | B Endrin ke...  | 7.453  | 6.695f | 9358806  | 2317334  | 3.249  | 2.016 #  |
| 22)                         | Mirex           | 7.925  | 6.882f | 31311899 | 228969   | 14.143 | 0.243 #  |
| 23)                         | Chlordane-1     | 4.529  | 3.629f | 2039052  | 2208309  | 16.962 | 67.742 # |
| 24)                         | Chlordane-2     | 5.038  | 4.192  | 2377097  | 2727859  | 18.279 | 70.100 # |
| 25)                         | Chlordane-3     | 5.746  | 4.795f | 32469664 | 3735692  | 63.641 | 36.970 # |
| 26)                         | Chlordane-4     | 5.846  | 4.876  | 30874370 | 2545837  | 48.664 | 21.988 # |
| 27)                         | Chlordane-5     | 6.692  | 5.559  | 3293479  | 471432   | 32.104 | 16.915 # |
| -----                       |                 |        |        |          |          |        |          |

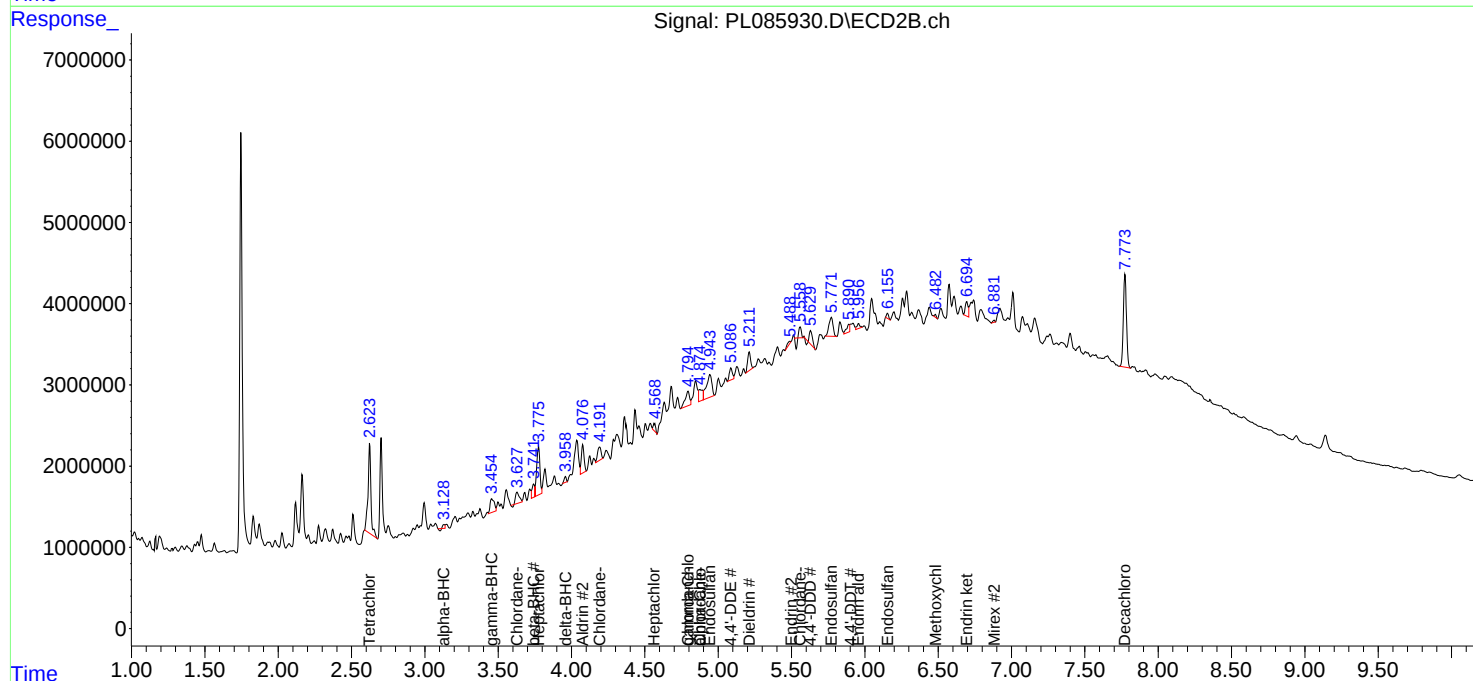
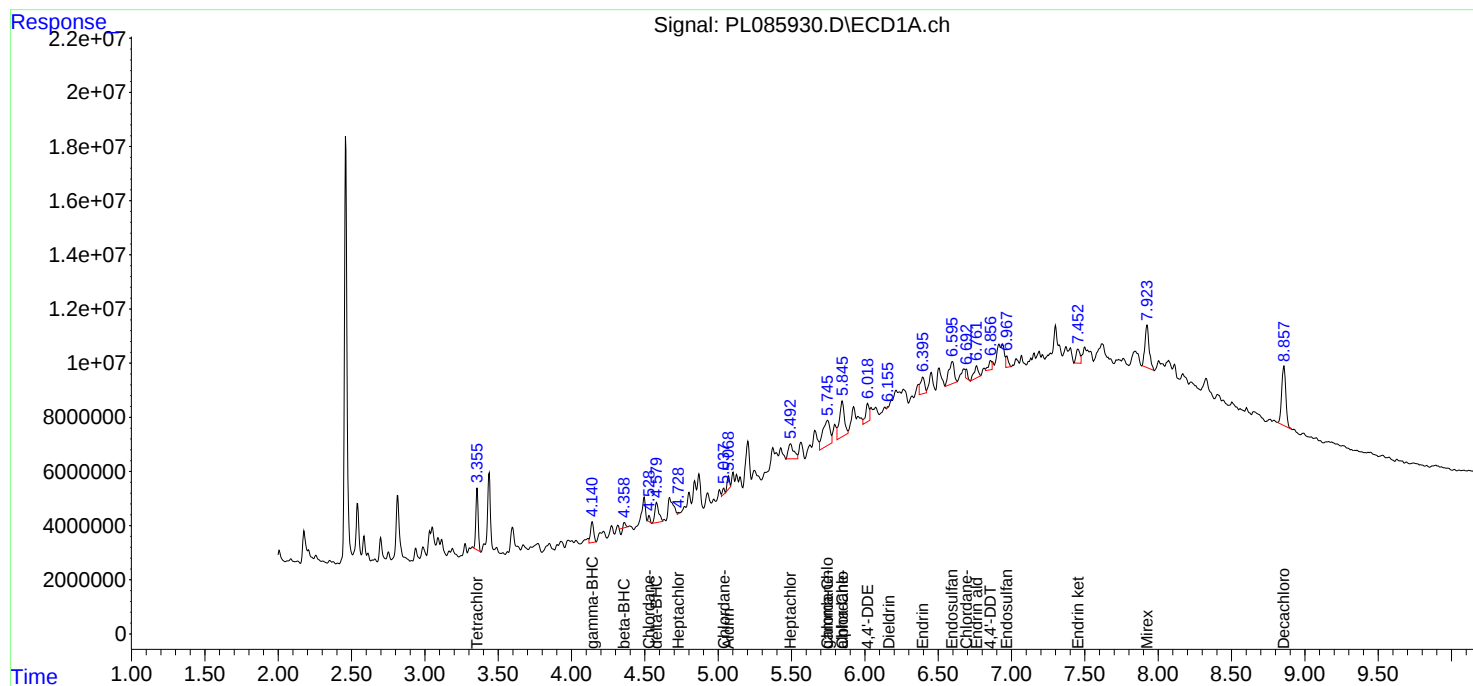
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

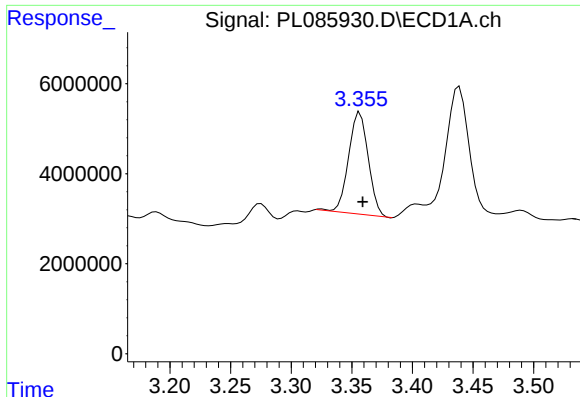
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101323\  
Data File : PL085930.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Oct 2023 21:16  
Operator : AR\AJ  
Sample : 04878-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 14 01:28:19 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 04 05:29:39 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

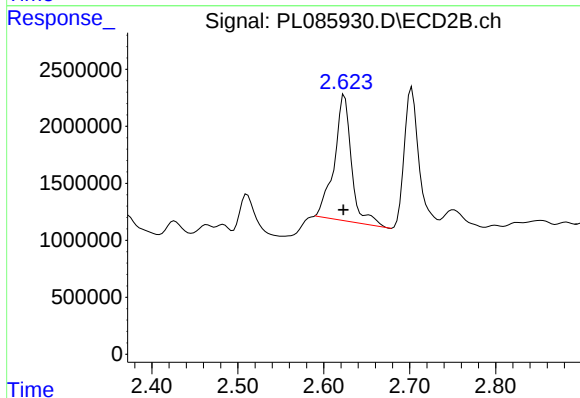




#1 Tetrachloro-m-xylene

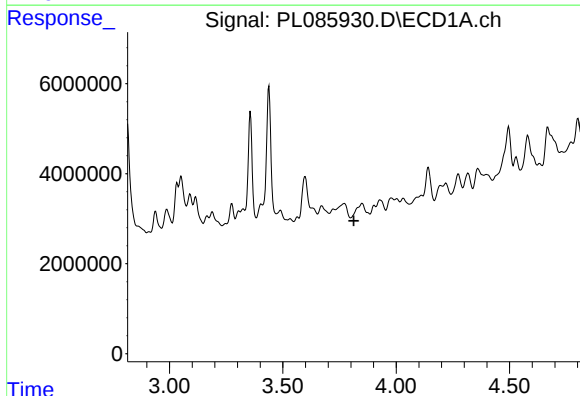
R.T.: 3.357 min  
Delta R.T.: -0.002 min  
Response: 25552714  
Conc: 8.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



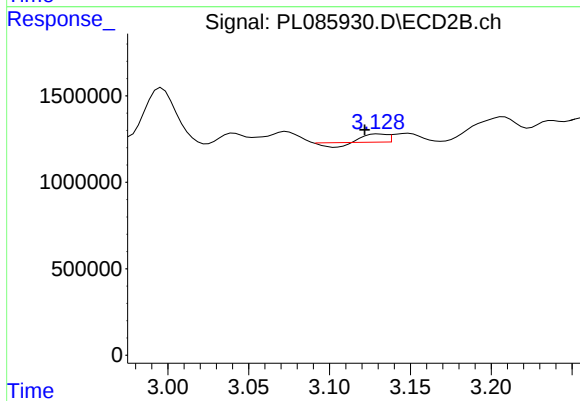
#1 Tetrachloro-m-xylene

R.T.: 2.624 min  
Delta R.T.: 0.001 min  
Response: 15429488  
Conc: 16.52 ng/ml



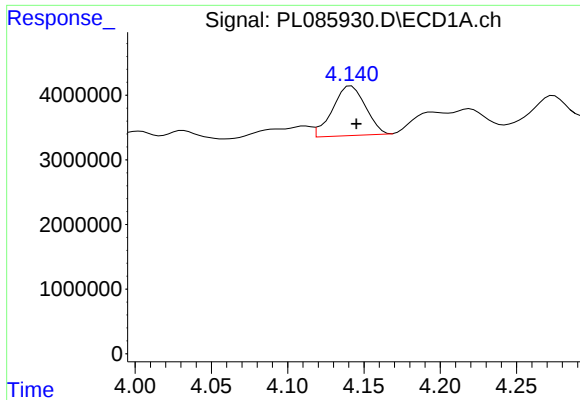
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.813 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

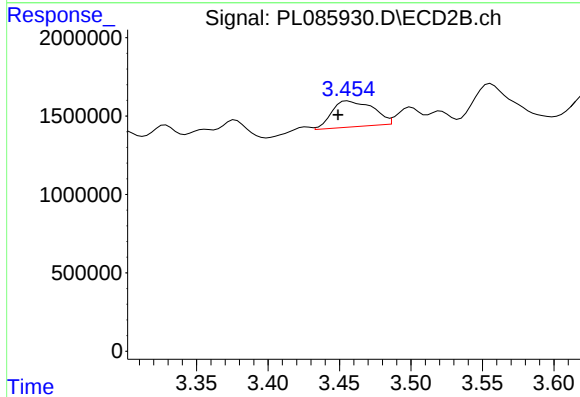
R.T.: 3.130 min  
Delta R.T.: 0.009 min  
Response: 256027  
Conc: 0.20 ng/ml



#3 gamma-BHC (Lindane)

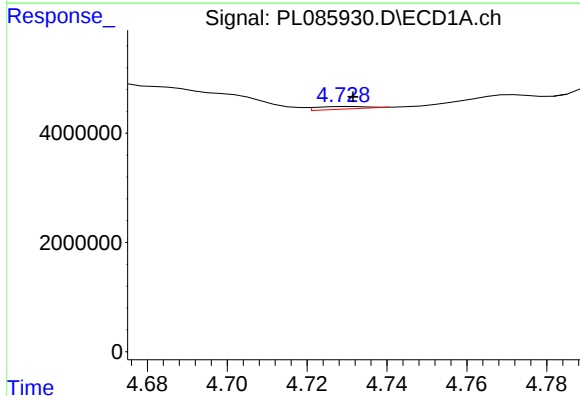
R.T.: 4.142 min  
Delta R.T.: -0.003 min  
Response: 11524769  
Conc: 2.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



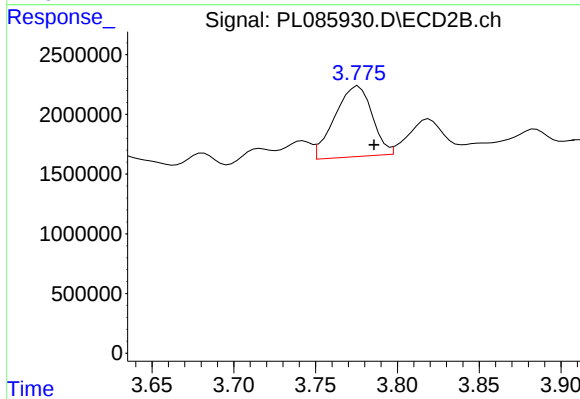
#3 gamma-BHC (Lindane)

R.T.: 3.456 min  
Delta R.T.: 0.007 min  
Response: 3327221  
Conc: 2.70 ng/ml



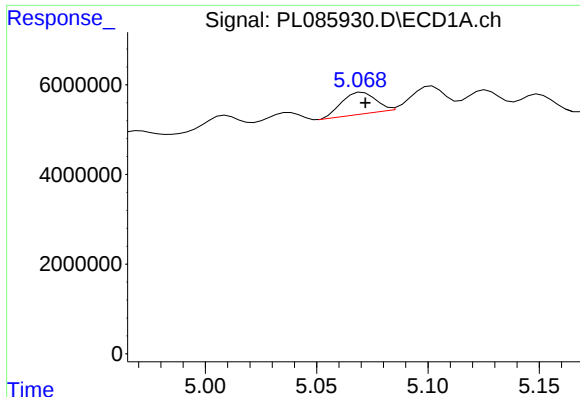
#4 Heptachlor

R.T.: 4.731 min  
Delta R.T.: 0.000 min  
Response: 410393  
Conc: 0.11 ng/ml



#4 Heptachlor

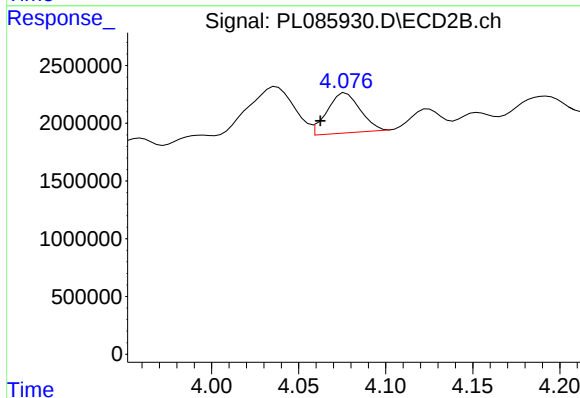
R.T.: 3.776 min  
Delta R.T.: -0.010 min  
Response: 9406033  
Conc: 8.09 ng/ml



#5 Aldrin

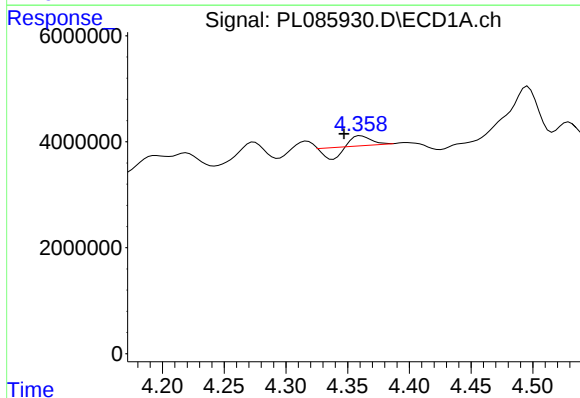
R.T.: 5.071 min  
Delta R.T.: -0.001 min  
Response: 5127652  
Conc: 1.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



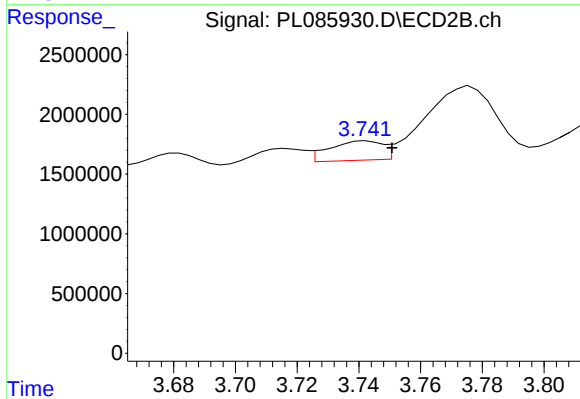
#5 Aldrin

R.T.: 4.077 min  
Delta R.T.: 0.015 min  
Response: 4594885  
Conc: 4.11 ng/ml



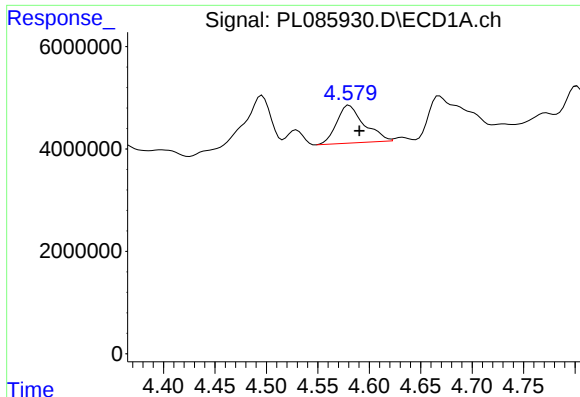
#6 beta-BHC

R.T.: 4.361 min  
Delta R.T.: 0.013 min  
Response: 653864  
Conc: 0.40 ng/ml



#6 beta-BHC

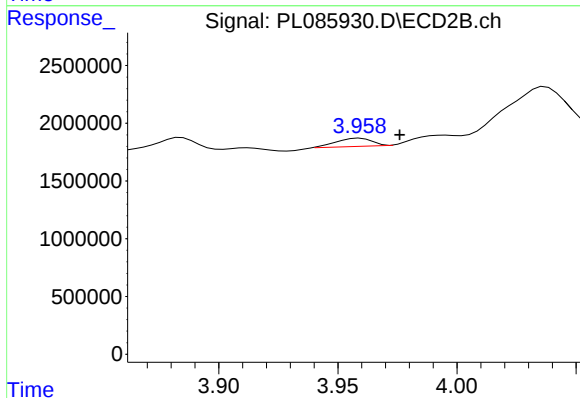
R.T.: 3.742 min  
Delta R.T.: -0.008 min  
Response: 1936957  
Conc: 3.72 ng/ml



#7 delta-BHC

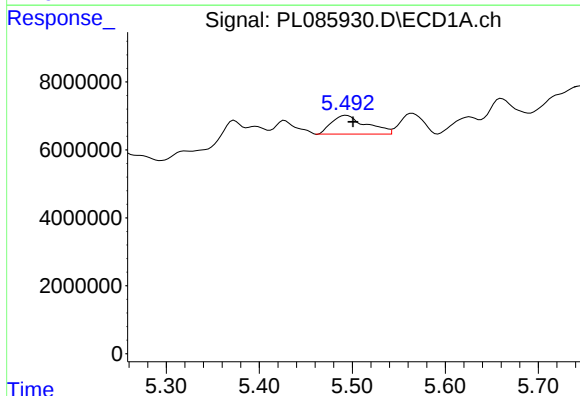
R.T.: 4.581 min  
Delta R.T.: -0.010 min  
Response: 13714429  
Conc: 3.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



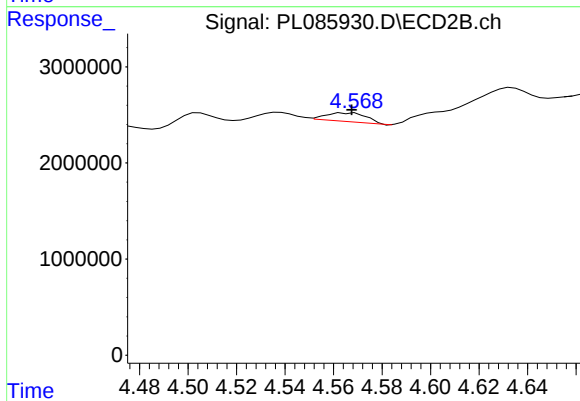
#7 delta-BHC

R.T.: 3.959 min  
Delta R.T.: -0.017 min  
Response: 731893  
Conc: 0.64 ng/ml



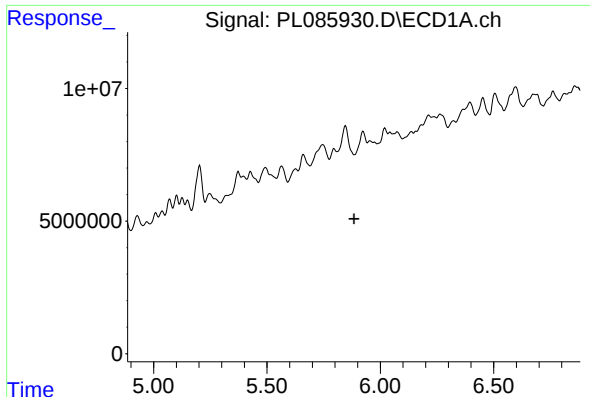
#8 Heptachlor epoxide

R.T.: 5.494 min  
Delta R.T.: -0.007 min  
Response: 14336879  
Conc: 4.16 ng/ml



#8 Heptachlor epoxide

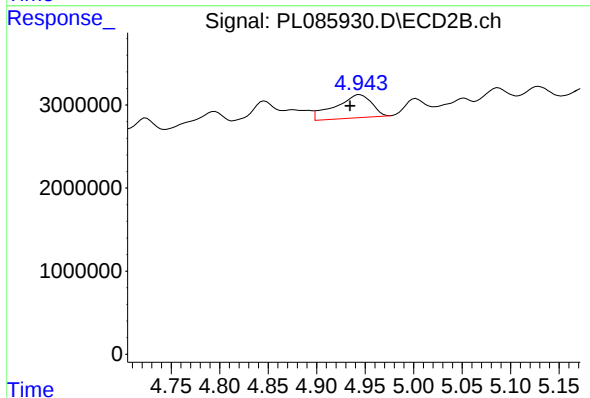
R.T.: 4.569 min  
Delta R.T.: 0.001 min  
Response: 1058650  
Conc: 1.05 ng/ml



#9 Endosulfan I

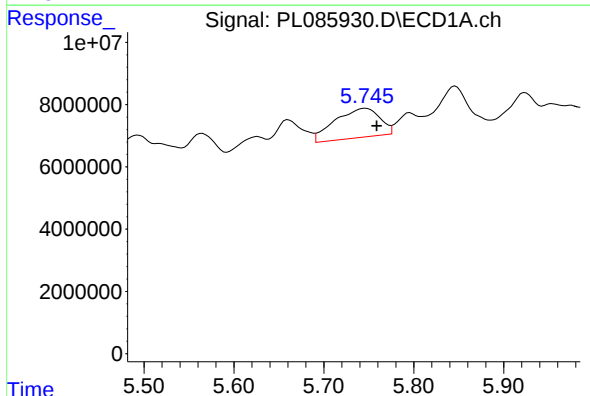
R.T.: 0.000 min  
Exp R.T.: 5.885 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



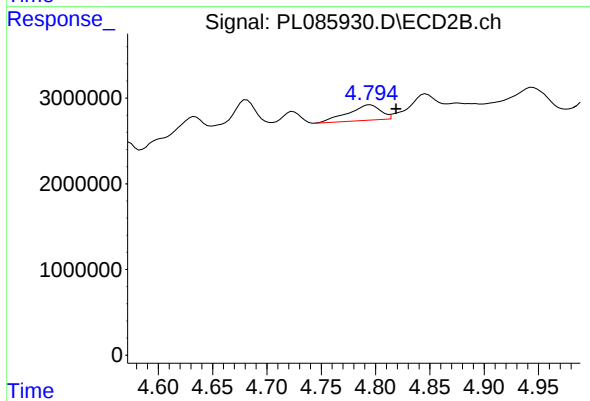
#9 Endosulfan I

R.T.: 4.944 min  
Delta R.T.: 0.010 min  
Response: 7302931  
Conc: 6.81 ng/ml



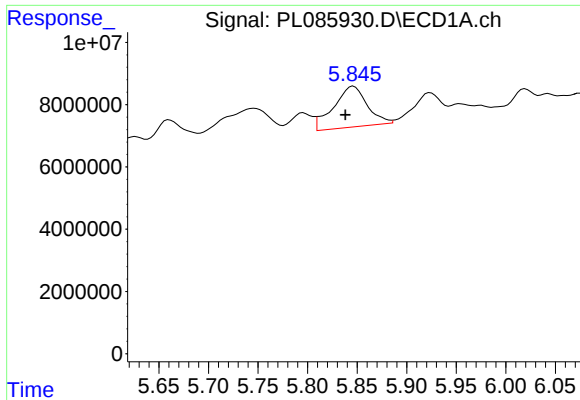
#10 gamma-Chlordane

R.T.: 5.746 min  
Delta R.T.: -0.012 min  
Response: 32469664  
Conc: 9.49 ng/ml



#10 gamma-Chlordane

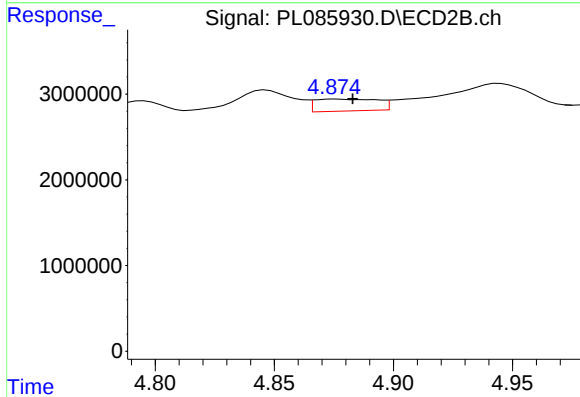
R.T.: 4.795 min  
Delta R.T.: -0.024 min  
Response: 3735692  
Conc: 3.77 ng/ml



#11 alpha-Chlordane

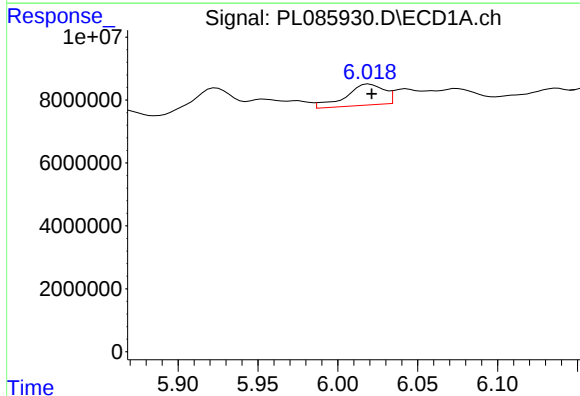
R.T.: 5.846 min  
Delta R.T.: 0.008 min  
Response: 30874370  
Conc: 9.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



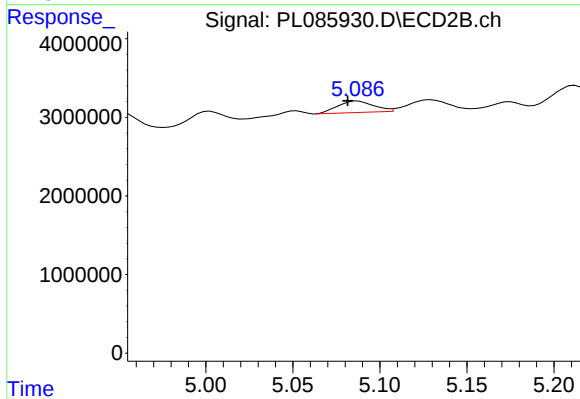
#11 alpha-Chlordane

R.T.: 4.876 min  
Delta R.T.: -0.007 min  
Response: 2545837  
Conc: 2.33 ng/ml



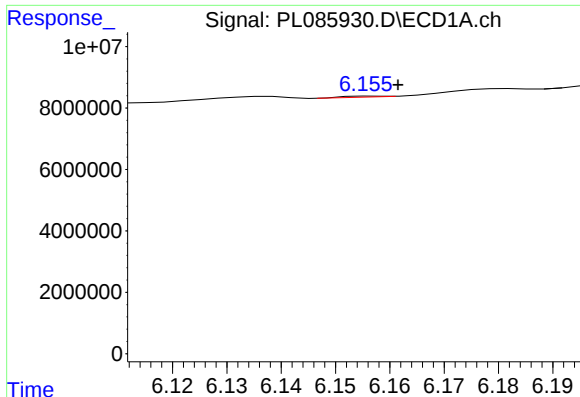
#12 4,4'-DDE

R.T.: 6.020 min  
Delta R.T.: -0.001 min  
Response: 11067025  
Conc: 3.96 ng/ml



#12 4,4'-DDE

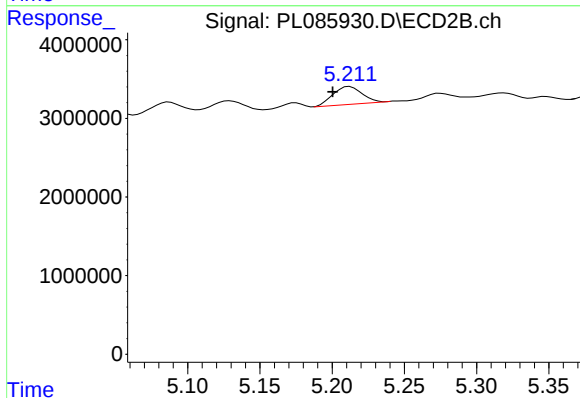
R.T.: 5.087 min  
Delta R.T.: 0.006 min  
Response: 2103347  
Conc: 2.56 ng/ml



#13 Dieldrin

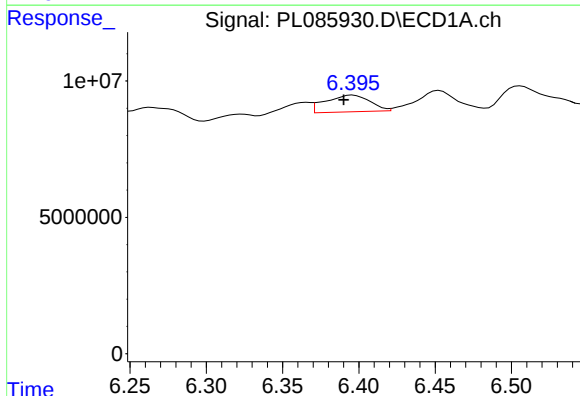
R.T.: 6.157 min  
Delta R.T.: -0.004 min  
Response: 135785  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



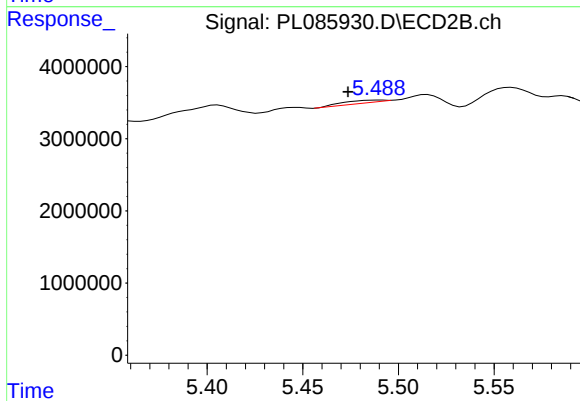
#13 Dieldrin

R.T.: 5.212 min  
Delta R.T.: 0.012 min  
Response: 3247983  
Conc: 3.35 ng/ml



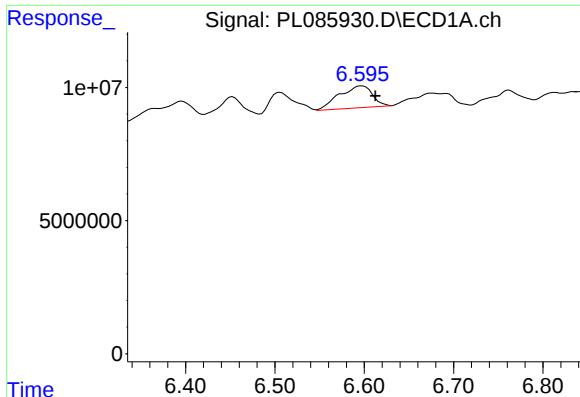
#14 Endrin

R.T.: 6.396 min  
Delta R.T.: 0.006 min  
Response: 12419274  
Conc: 4.36 ng/ml



#14 Endrin

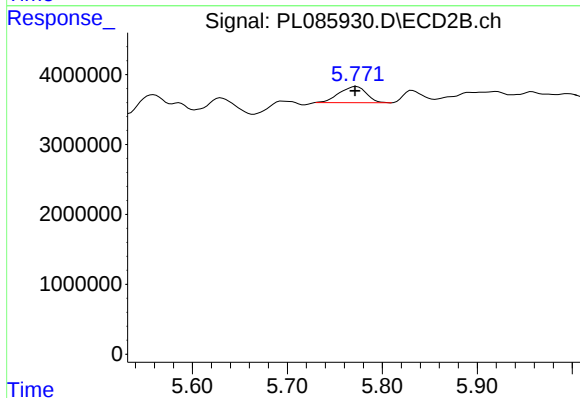
R.T.: 5.490 min  
Delta R.T.: 0.017 min  
Response: 519035  
Conc: 0.58 ng/ml



#15 Endosulfan II

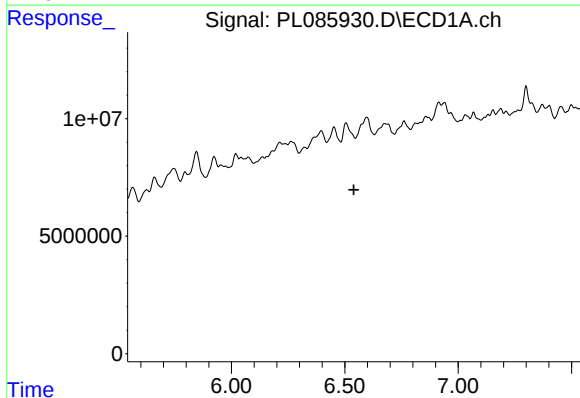
R.T.: 6.597 min  
Delta R.T.: -0.015 min  
Response: 21261888  
Conc: 7.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



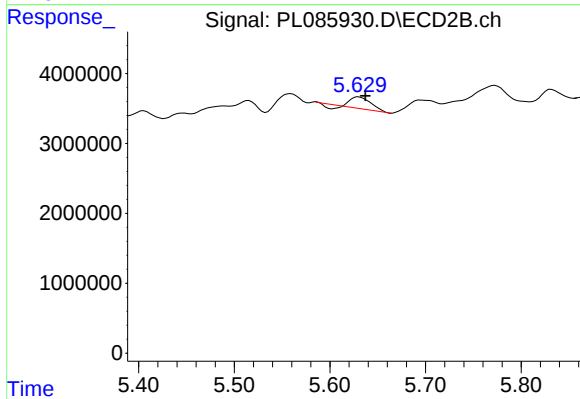
#15 Endosulfan II

R.T.: 5.773 min  
Delta R.T.: 0.002 min  
Response: 4609176  
Conc: 4.85 ng/ml



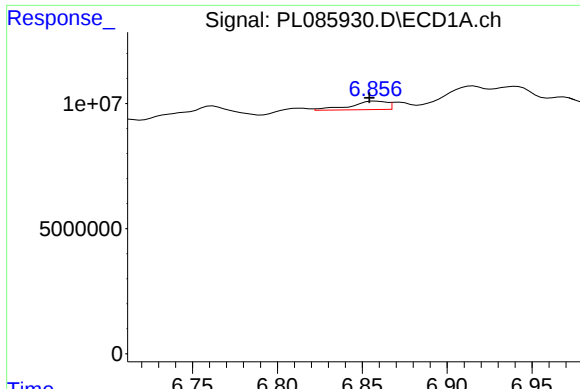
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.539 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

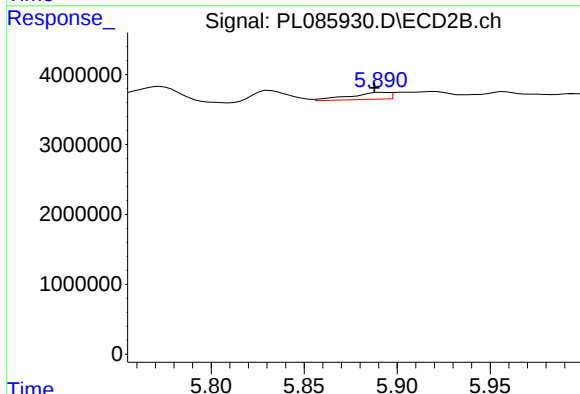
R.T.: 5.630 min  
Delta R.T.: -0.007 min  
Response: 2174351  
Conc: 3.12 ng/ml



#17 4,4'-DDT

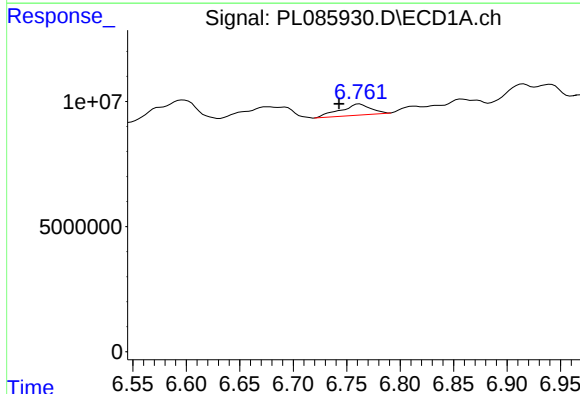
R.T.: 6.858 min  
Delta R.T.: 0.004 min  
Response: 5132375  
Conc: 2.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



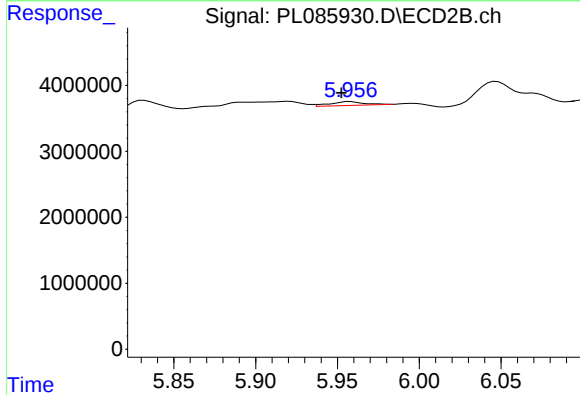
#17 4,4'-DDT

R.T.: 5.892 min  
Delta R.T.: 0.005 min  
Response: 1420443  
Conc: 1.80 ng/ml



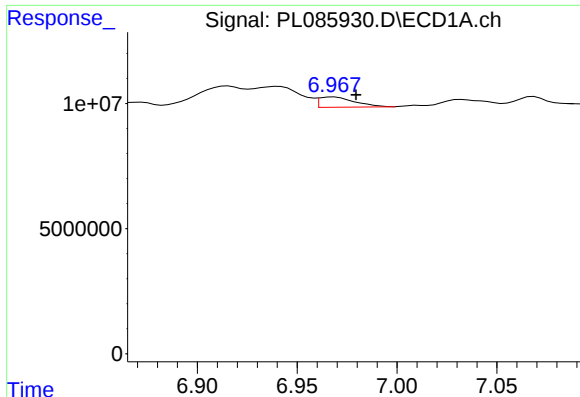
#18 Endrin aldehyde

R.T.: 6.762 min  
Delta R.T.: 0.019 min  
Response: 8682467  
Conc: 4.28 ng/ml



#18 Endrin aldehyde

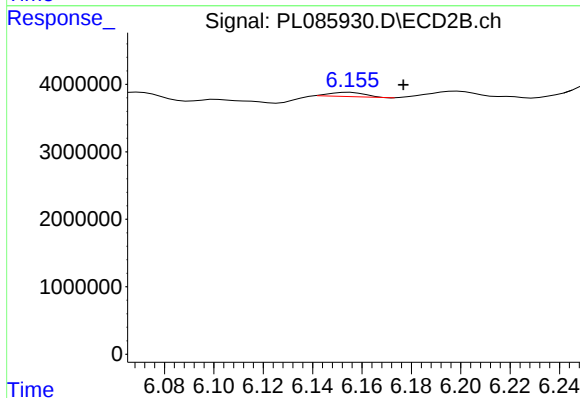
R.T.: 5.958 min  
Delta R.T.: 0.005 min  
Response: 852768  
Conc: 1.14 ng/ml



#19 Endosulfan Sulfate

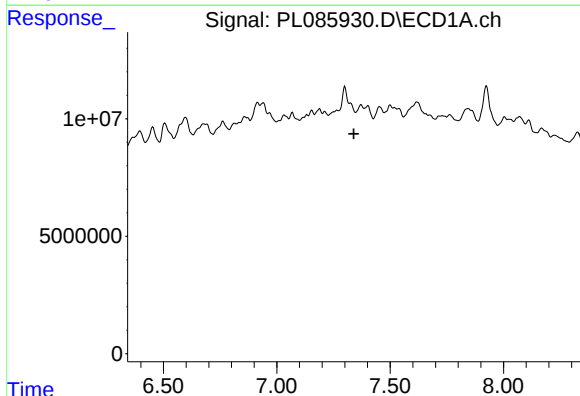
R.T.: 6.968 min  
Delta R.T.: -0.011 min  
Response: 5073609  
Conc: 2.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



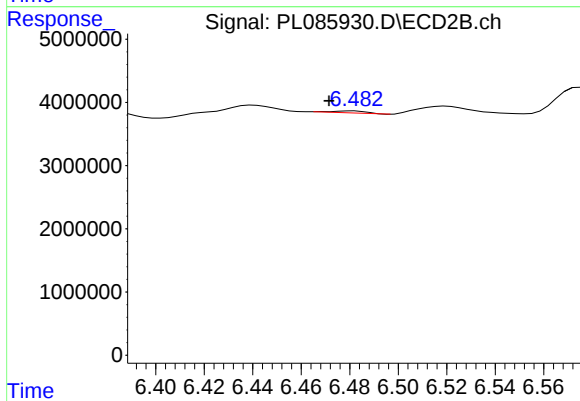
#19 Endosulfan Sulfate

R.T.: 6.155 min  
Delta R.T.: -0.022 min  
Response: 622130  
Conc: 0.69 ng/ml



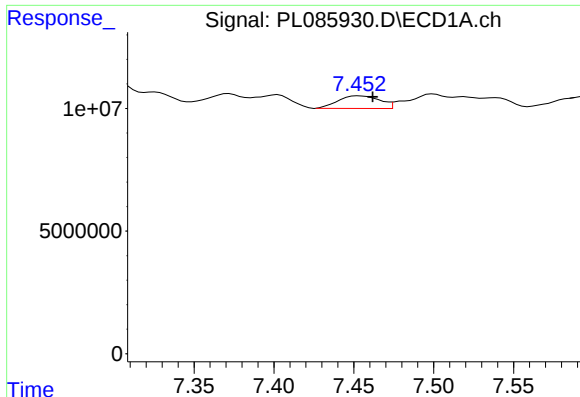
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.339 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

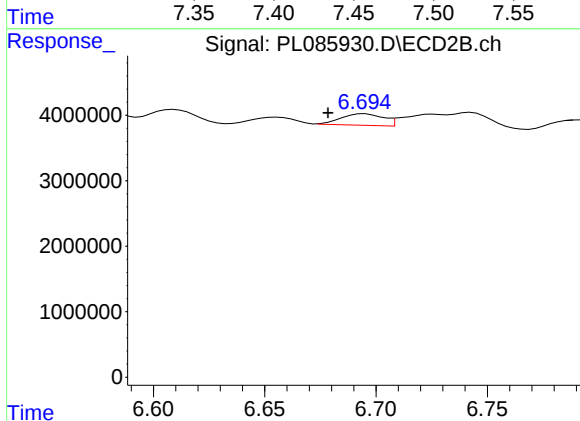
R.T.: 6.482 min  
Delta R.T.: 0.010 min  
Response: 308074  
Conc: 0.59 ng/ml



#21 Endrin ketone

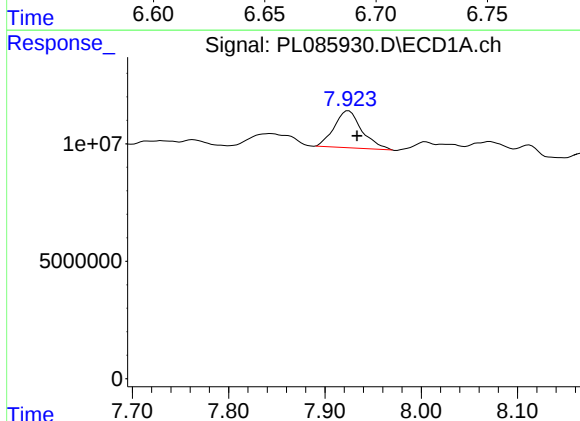
R.T.: 7.453 min  
Delta R.T.: -0.009 min  
Response: 9358806  
Conc: 3.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



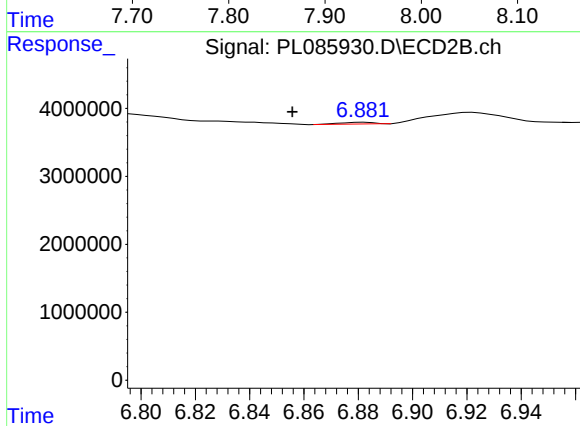
#21 Endrin ketone

R.T.: 6.695 min  
Delta R.T.: 0.017 min  
Response: 2317334  
Conc: 2.02 ng/ml



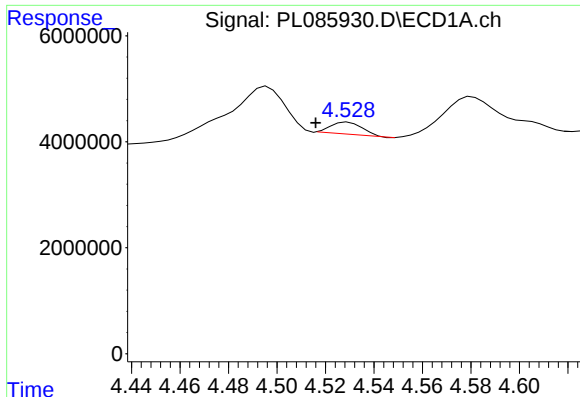
#22 Mirex

R.T.: 7.925 min  
Delta R.T.: -0.009 min  
Response: 31311899  
Conc: 14.14 ng/ml



#22 Mirex

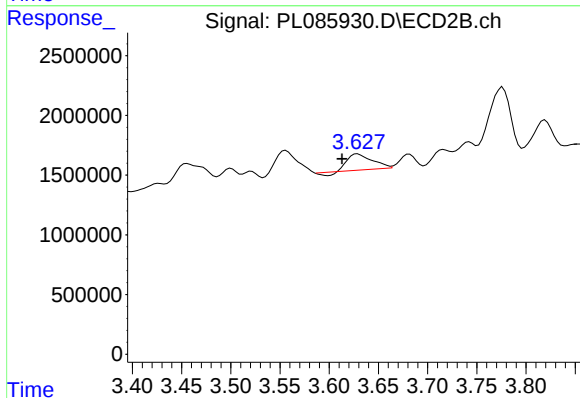
R.T.: 6.882 min  
Delta R.T.: 0.026 min  
Response: 228969  
Conc: 0.24 ng/ml



#23 Chlordane-1

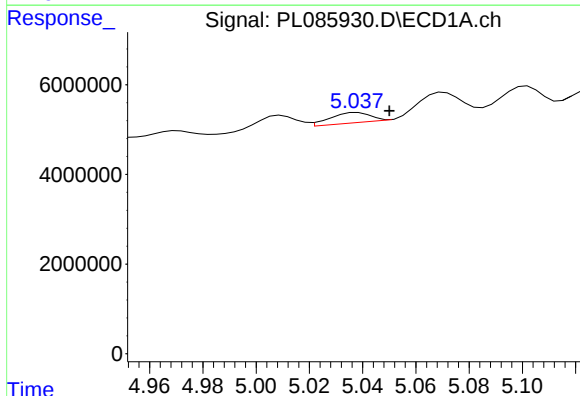
R.T.: 4.529 min  
Delta R.T.: 0.013 min  
Response: 2039052  
Conc: 16.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



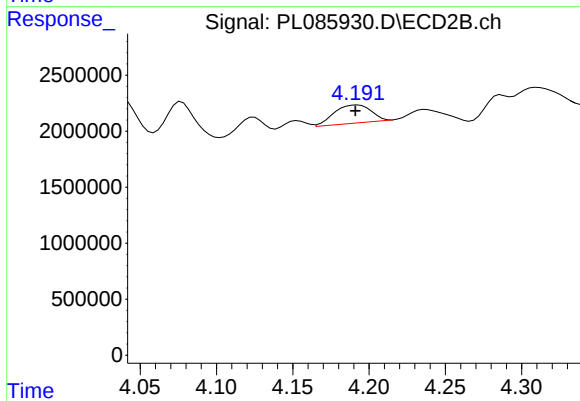
#23 Chlordane-1

R.T.: 3.629 min  
Delta R.T.: 0.016 min  
Response: 2208309  
Conc: 67.74 ng/ml



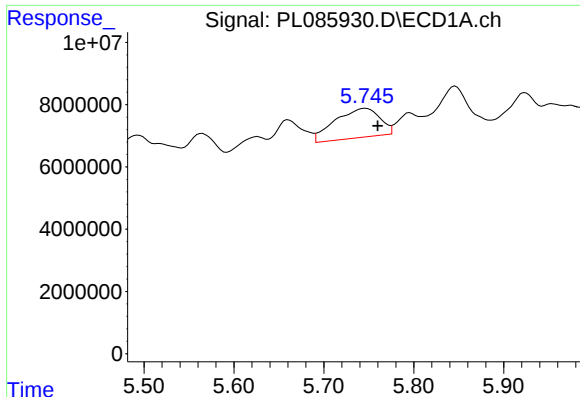
#24 Chlordane-2

R.T.: 5.038 min  
Delta R.T.: -0.012 min  
Response: 2377097  
Conc: 18.28 ng/ml



#24 Chlordane-2

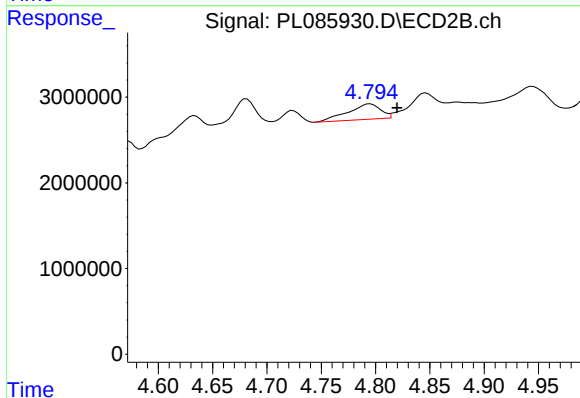
R.T.: 4.192 min  
Delta R.T.: 0.001 min  
Response: 2727859  
Conc: 70.10 ng/ml



#25 Chlordane-3

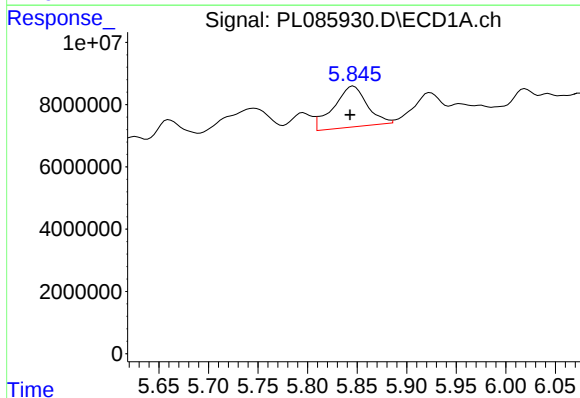
R.T.: 5.746 min  
Delta R.T.: -0.014 min  
Response: 32469664  
Conc: 63.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



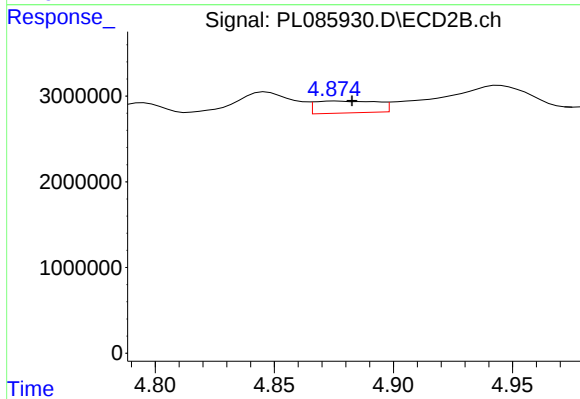
#25 Chlordane-3

R.T.: 4.795 min  
Delta R.T.: -0.025 min  
Response: 3735692  
Conc: 36.97 ng/ml



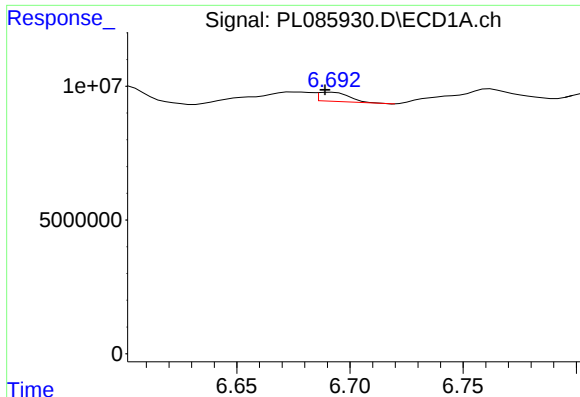
#26 Chlordane-4

R.T.: 5.846 min  
Delta R.T.: 0.003 min  
Response: 30874370  
Conc: 48.66 ng/ml



#26 Chlordane-4

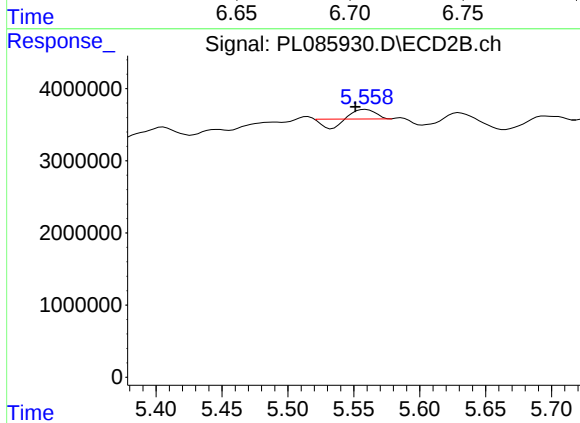
R.T.: 4.876 min  
Delta R.T.: -0.007 min  
Response: 2545837  
Conc: 21.99 ng/ml



#27 Chlordane-5

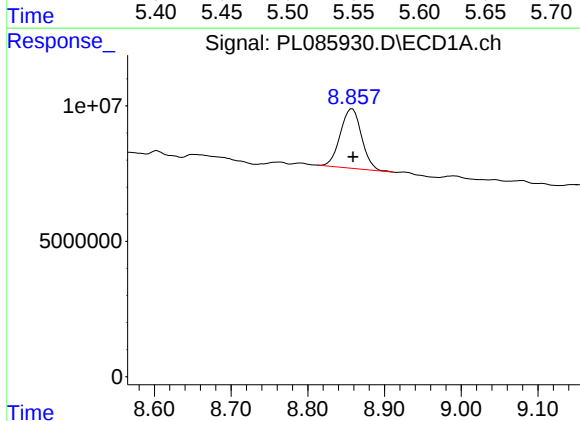
R.T.: 6.692 min  
Delta R.T.: 0.003 min  
Response: 3293479  
Conc: 32.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



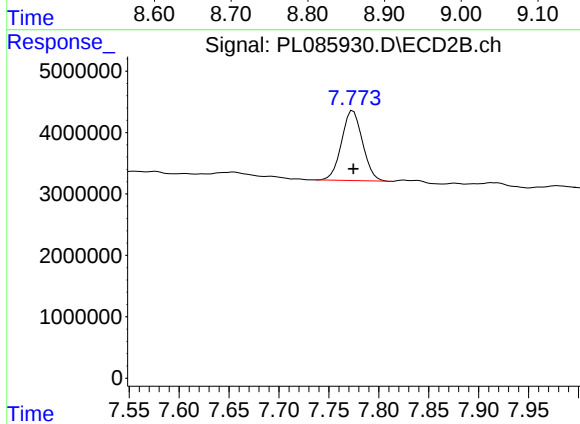
#27 Chlordane-5

R.T.: 5.559 min  
Delta R.T.: 0.008 min  
Response: 471432  
Conc: 16.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.858 min  
Delta R.T.: 0.000 min  
Response: 42221714  
Conc: 19.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.774 min  
Delta R.T.: 0.000 min  
Response: 16706156  
Conc: 18.10 ng/ml